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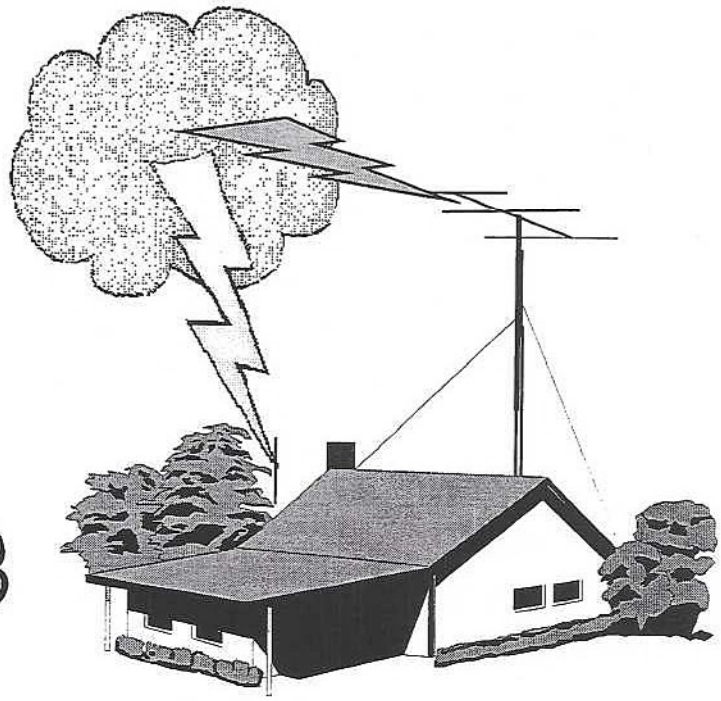
B.A.R.G. News

OFFICIAL NEWSLETTER OF THE BALLARAT AMATEUR RADIO GROUP INC.

Volume 20 Issue 6 | VK3BML | JUNE 1997



IT'S WINTER

and nearly time for the B.A.R.G. to elect their new Officers and Committee for the next 4 seasons.

The Annual Meeting is on JULY 25th.

Could YOU assist ?
Please !

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BALLARAT AMATEUR RADIO GROUP INC.
OFFICE BEARERS - 1996 / 1997

	COMMITTEE (IN BOLD TYPE)		WORK	HOME
PRESIDENT	**GORDON CORNELL**	**VK3FGC**	**5339 1135**	**5339 2427**
VICE PRESIDENT	**MARY CURNOW**	**VK3FMC**		**5330 1927**
IMM.PAST PRESIDENT	**BOB TERRILL**	**VK3BNC**		**5339 5317**
SECRETARY	**GEOFF SMITH**	**VK3ADB**	**5335 8601**	**5333 2112**
TREASURER	**MURRAY FELSTEAD**	**VK3AAI**	**5341 2121**	**5341 2234**
EDUCATION OFFICER	**TOM GEORGE**	**VK3DMK**	**5332 7234**	
MEMBERS' REP.	**DOUG KAY**	**VK3KAY**		**5339 2778**
MEMBERS' REP.	**CHARLIE STEWART**	**VK3DCS**		**5331 7425**
QSL MANAGER	**DARYL QUIRK**	**VK3XDQ**		**03 5476 2689**
FACILITIES / BUILDINGS	**LES SNIBSON**	**VK3JEM**		**5334 7815**
MEMBERSHIP SEC.	WENDY KEALL	VK3HWK		03 5476 2689
TECH. OFFICER	IAN McDONALD	VK3AXH		
TECH. OFFICER (DIGITAL)	TOM GEORGE	VK3DMK	5332 7234	
NEWSLETTER EDITOR	RICHARD VOSS	VK3JFL	041 9594944	5332 6048
NET CO-ORDINATOR	REG CARTER	VK3CAZ		5341 7585
AWARDS MANAGER	RON WATKINS	VK3ZHH	5366 7200	5332 7141
HISTORIAN	RICHARD VOSS	VK3JFL	041 9594944	5332 6048
EXAMINATIONS OFFICER	CHARLIE STEWART	VK3DCS		5331 7425
PUBLICITY OFFICER	NORM D'ANGRI	VK3LBA		5334 1613
PROPERTY OFFICER	JEFF PIGDON	VK3PAP	5331 1640	5332 7041
WICEN CO-ORDINATOR	GORDON CORNELL	VK3FGC	5339 1135	5339 2427
HAMVENTION CO-ORD.	TOM GEORGE	VK3DMK	5332 7234	

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CLUB STATION

VK3 BML

REPEATERS		
	VK3RBA (Voice)	146.750 MHz. - Mt.Buninyong.
	VK3RBS (Voice)	146.900 MHz. - Smeaton Hill
	VK 3RPC (Packet)	144.750 MHz. - Mt.Warrenheip.
	VK3RBU (Voice)	438.475 MHz. - Mt.Hollowback.
	VK3RMB (Beacon)	432.535 MHz. - Mt.Buninyong.
	VK3RBV (ATV)	426.250 MHz. - Ballarat

ACTIVITIES CLUB NET: Thursday nights at 8 pm. (8.30 pm during Daylight Saving). Freq: 3.610 MHz +/- QRM.
2 METRE SCRAMBLE: Sunday Nights at 7.50 pm. Freq: 146.425 to 146.600 MHz. Inc,
Call back held on VK3RBA 146.750 MHz.
Logs **monthly** to D.Quirk - P.O. Box 78 - Newstead 3462 (or Meeting) to qualify.
MEETINGS: General Meeting : Last Friday of each month (except December) at 8.00 pm.
Venue: Club Rooms - Ballarat Airport - Unit 31 - Off Learmonth Road - Ballarat.
FOX HUNTING: As arranged during the year.
HAMVENTION : Last weekend in October each year at Ballarat Showgrounds.

PLEASE ADDRESS ALL CORRESPONDENCE to: The Secretary - BARG Inc. Box 1261 Mail Centre Ballarat 3354

The Minutes

of the MAY General Meeting held on 30th.May 1997

At 7.40pm. the President, Gordon VK3FGC, declared the meeting open and welcomed those present.
Best wishes were extended to those unable to attend through illness.
APOLOGIES: were accepted on behalf of the following VK3's - FMC, LDC, NAY, NIZ, JEM, DS, BNC and N9NAY. Moved CAZ/ DMK.

CORRESPONDENCE: The following magazines and newsletters were received:
Amateur Radio
HBARC
Capricornia
FMPRC
GARC Moved BVI/ANH

TREASURER'S REPORT:
Newsletter Printing - Superrun Prints - $ 27.60
Postage - N. D'Angri - $ 35.70

Account Pending - ARRL - QST/QEX.
Moved AAI/DMK

MINUTES OF APRIL MEETING: As presented. Moved AAI/DMK

REPORTS:
EDUCATION: Class on task. Progressing soundly. DMK.
QSL's - 100 out, 0 in. XDQ
NET: - Great 60 min. activity for all. Scramble OK. CAZ
FACILITIES: - Ladies Committee to meet 23rd June
QSP from FMC.
WICEN: - Ready for Mallee Rally. FGC
Examinations: - Two candidates for June.
1 - CW, 1 - AOCP. DCS

GENERAL BUSINESS:
Nomination forms are available for the AGM.
Second switchboard disconnected at Club Rooms - Powercor.
Map of area to be circulated.
Vote of thanks to KERTS for use of facility.
Moved FGC/DOK

NEXT MEETING:
Friday 27th.June

Have a great month ! 73 de Geoffrey - VK3ADB

FINALLY: - Lie Detector — Mouth Trap ! ! !

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REPEATER CONTROL WITH *TRANSMITTER ID.*

It is now possible to obtain a *fingerprint* of a transmitter's signal with *Transmitter I.D.* technology.

A fingerprinting system is now available on a card that fits inside any IBM PC or compatible computer. As stated by the manufactiurer " *When keyed, every transmitter exhibits a unique frequency - versus - time characteristic before it stabilises on its operating frequency, making it possible to identify a particular transmitter by means of capturing and displaying the frequency - versus - time history.*"

Even like-model transmitters coming off the same production line have unique characteristics that allow each of them to be identified individually.

A number of Hams have used this technology to identify signals from jamming stations. Once you have a fingerprint of the illegal jamming signal you can compare it to other signals over succeeding days. Chances are, the operator will be using the same radio legally.

Some have taken this idea a step further. Once the data is captured, can it be placed in a database and used to control a repeater ? This concept is being researched and the results could prove to be fascinating. With this technology it might be possible to identify each signal received by a repeater and compare it against a manufacturer's database. If there isn't a match, a new record would be automatically added with the access control field set to "on" so that the person could use the repeater. Over time, the repeater would build its own database of "known" users.

If one of these people begins using the repeater for other than legal purposes, such as jamming, the control operator could identify and lock out the offender by changing the access control field to "off". If the signal appears again it will be automatically ignored by the repeater system.

The only way the person could regain access is by using a different radio. If he used the radio in violation of repeater rules however, it would be locked out as well.
Unless the offender is independently wealthy, he'll soon run out of radios to use for jamming.

QST - September 1996.

HAM RADIO HAS MOVIE ROLES.

Ham radio plays a part in two recently released movies. One is the hugely popular *Independence Day*. Briefly, and without spoiling the plot, Amateur Radio is used for worldwide communication after the invading aliens cripple the satellite network. Commercial communication links are in a shambles in the wake of the alien's destructive path, and their huge orbiting spacecraft have disabled or destroyed the satellites. Hams spread the word using none other than Morse Code !

Ham radio figures even more prominently in the plot of *Phenomenon* which stars John Travolta, Robert Duval and Forrest Whittaker (as the Ham). The ARRL advised the technical film crew and supplied ham radio publications and other paraphernalia that is visible in the movie ham shack. In one scene Travolta decodes digital-mode signals in his head. Morse Code is used in another scene.

QST September 1996

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WORD SEARCH

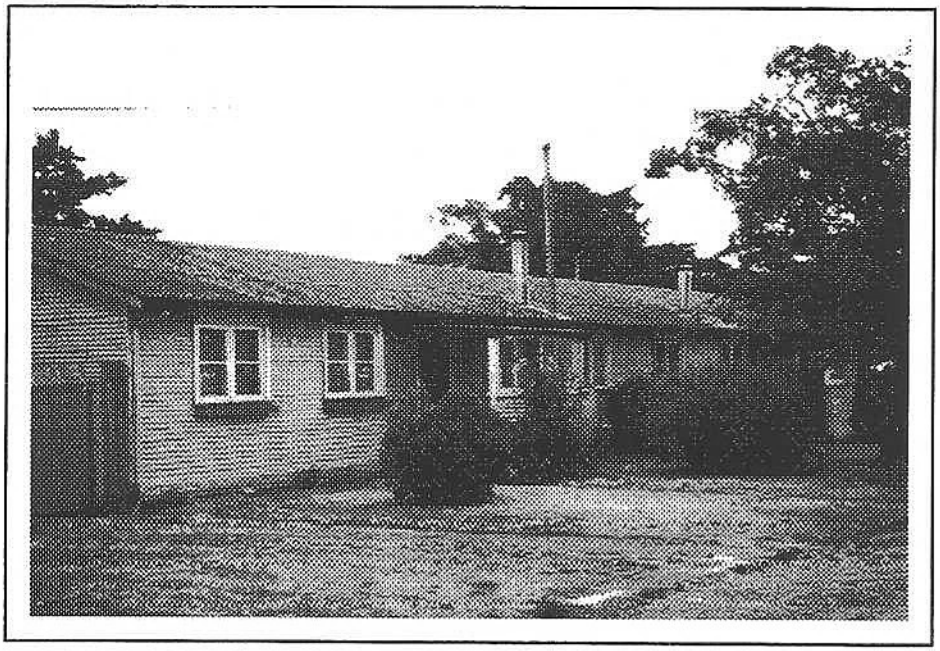
BARG OFFICERS

R	G	S	M	S	G	N	I	R	E	T	A	C	B	D
O	G	K	E	J	P	U	B	L	I	C	I	T	Y	O
T	N	E	D	I	S	E	R	P	E	C	I	V	Q	Z
A	M	P	X	H	T	P	R	O	P	E	R	T	Y	K
N	I	W	H	A	P	I	H	S	R	E	B	M	E	M
I	Q	R	G	M	M	L	L	E	R	W	P	R	Y	W
D	S	U	E	V	N	I	A	I	I	E	L	Y	R	D
R	L	A	A	E	O	V	N	C	C	J	B	V	A	S
O	M	F	C	N	I	J	E	A	I	A	P	M	T	P
O	A	R	C	T	T	N	K	P	T	N	F	D	E	V
C	N	N	I	I	A	R	H	P	I	I	H	D	R	M
T	A	Y	U	O	C	Y	M	B	T	Z	O	C	C	Q
E	G	H	H	N	U	R	F	D	Y	F	J	N	E	W
N	E	W	S	E	D	I	T	O	R	X	W	S	S	T
A	R	L	B	R	E	R	U	S	A	E	R	T	I	K

PRESIDENT
PROPERTY
PUBLICITY
QSLMANAGER
SECRETARY
TECHNICAL
TREASURER
VICEPRESIDENT
WICEN

CATERING
EDUCATION
EXAMINATIONS
FACILITIES
HAMVENTION
MEMBERSHIP
MEMBERSREPS
NETCOORDINATOR
NEWSEDITOR

ONCE UPON A TIME



ONCE UPON A TIME these buildings were part of the R.A.A.F. Wireless Air Gunners School Complex, which later reverted to its previous role as the Ballarat Municipal Airport.

Today they comprise Lot 31 the home of the Ballarat Amateur Radio Group.

Thank you to those who responded with the names of the guys in the photo in last months newsletter.
See the next page for the full details regarding the photograph.

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The Photo Exposed

Digger Smith
3240 Cobden-W'Bool Rd.
NARINGAL 3277

Dear Doug and Val

Thanks for sending the BARG newsletter.
The photo displayed was taken in the Warrnambool Amateur Radio clubrooms in 1978. I can't remember who took the photo, but it was my camera, and I processed the film and printed the black and white prints. I did several of them, and all in the photo would have received a copy I would think.
The personnel are as follows, left to right,
Back Row:

VK3AKN - Don Baulch - Still current, Warrnambool.
VK3NDZ - Kevin Reid. Later VK3BPH, now VK4BPH.
VK3NDN - Ray Smith (my harmonic) now VK3BOH.
VK3NBM - Ross West now VK3AUV Kyabram.
VK3NDL - Laurie Moss now VK3DLO

Front Row

VK3WK - Bill Bell - Still Current in Warrnambool.
VK3NDJ - "Digger" Smith now VK3BFF Naringal.
VK3XI - The late Harry Duggan died 9-2-94.
VK3NBD - Gordon Bennett now VK3BWG Heathcote.

Cheers to you both. It brought back a lot of memories.

73 Digger.

The above letter was received by Doug and Val Raper (VK3VBA) in response to a copy of last months newsletter which was forwarded to Digger by Doug. Our thanks to Digger and Doug, and the several others who made contact regarding this photo.

Maybe you have a similar photo which would be of interest to others ?
Why not share it with us ?

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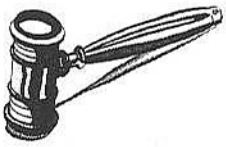

NOTICE OF ANNUAL GENERAL MEETING Friday July 25th. 1997

Members are advised that the Annual General Meeting of the Ballarat Amateur Radio Group Inc. (B.A.R.G. Inc.) will be held on Friday July 25th.1997. The venue will be the Club Rooms (unit 31) at the Ballarat Airport and the meeting will commence at 8.00pm.

At the Annual General Meeting the following business will be conducted:

- ◊ To confirm the minutes of the Annual General Meeting held on July 26th.1996.
- ◊ To receive Committee reports regarding the clubs transactions over the preceding financial year.
- ◊ To elect Officers of the Association and the ordinary members of the Committee for the ensuing year, all positions having becoming vacant.
- ◊ To conduct any further business where due notice has been given, in accordance with the Model Rules.

You are invited to nominate members for all positions in the Association, as all positions become vacant at the AGM. Please use the forms below and forward the nomination, complete with the required details and signatures, to the Secretary by no later than the 18th July 1997.

B.A.R.G. Inc. NOMINATION FORM.

DATE: _____

We wish to nominate _____ Call: _____

for the position of _____ of B.A.R.G. Inc.

Nominated by : (Signature) _____ Call : VK3 _____

Seconded by : (Signature) _____ Call: VK3 _____

B.A.R.G. Inc. NOMINATION FORM.

DATE: _____

We wish to nominate _____ Call: _____

for the position of _____ of B.A.R.G. Inc.

Nominated by : (Signature) _____ Call : VK3 _____

Seconded by : (Signature) _____ Call: VK3 _____

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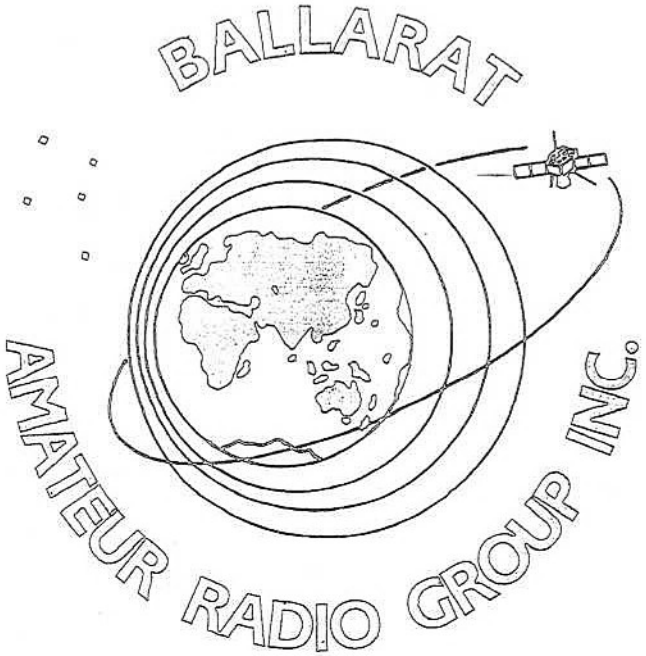
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AMATEUR RADIO GROUP INC.

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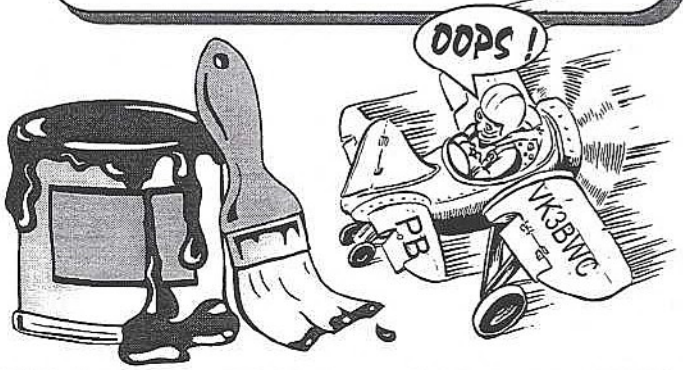
Conroy's 3D Paint City
see Paul Bruty - VK3BWC
104 Skipton Street Ballarat
Phone - 5331-1680
The Paint Specialists who will assist you with all of your Painting Problems



B.A.R.G. is indebted to Conroy's for their help with the supply of paint for the Airport Clubrooms.
You may like to support them when you next "slap on a bit of paint".

WHY
IS JUNE 30TH. TAX TIME ?

DID YOU KNOW that Australia was one of the first countries to introduce progressive income tax ? During the first 100 or so years of settlement here, most states gained revenues from indirect taxes on consumption (sounds familiar ?) of goods and from the sale of crown land.

But aha! in the 1880s the states began levying income tax. It was decided then to set the date of our financial year at June 30th., probably to coincide with the end of sales of harvested goods.

Unlike us, New Zealand shares the start of its fiscal year on April 1st. with the United Kingdom, and Japan. The USA financial year runs according to the yearly calendar - January 1st to December 31st.

In recent years the June 30th date has also been designated as the date for the termination of the financial year for Associations, such as BARG, and,as has been the norm, our Annual Meeting is held at the end of July.

At the Annual Meeting all positions will be vacated and elections held to re-elect officers from the nominations previously received. If you wish to nominate, or nominate someone else, please ensure the form is with the Secretary by 18th July 1997.

Hewitt & Whitty

CORNER CARNGHAM RD. AND WILTSHIRE LANE

QUALITY CASTROL PRODUCTS

GLASS & CHROME CLEANER
500 ml spray

CARECLEAN PLUS Hand Cleaner
100 grm. Tubes

WINDSCREEN WASHER CONCENTRATE
500 ml.

ENGINE DEGREASER
400 grm. Aerosol and 1 ltr.Tins.

DWF for TIGHT NUTS.

Bill VK3PH, 73

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COMING EVENTS.

June 27th - General Meeting.
July 16th. - Committee Meeting.
July 25th. - Annual Meeting.
August 16th /17th. - Remembrance Day Contest.
Monday Nights - Construction Nights.
Sunday Nights. 2M Scramble - 7.50pm. 146.425 to 146.600 MHz.
Thursday Nights- Club Net - 3.610 MHz. - 8pm (8.30pm in Daylight Saving)
Thursday Nights - School at Clubrooms.
4th. Wednesday each month -WICEN Training nights.

This edition of BARG NEWS was produced by

B.A.R.G.

The Ballarat Amateur Radio Group Inc.

A group of radio enthusiasts licensed to experiment with local and international radio communications on an amateur basis.

NEW MEMBERS ALWAYS WELCOME.

OFFICIAL NEWSLETTER OF THE BALLARAT AMATEUR RADIO GROUP INC.

B.A.R.G.
NEWS

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